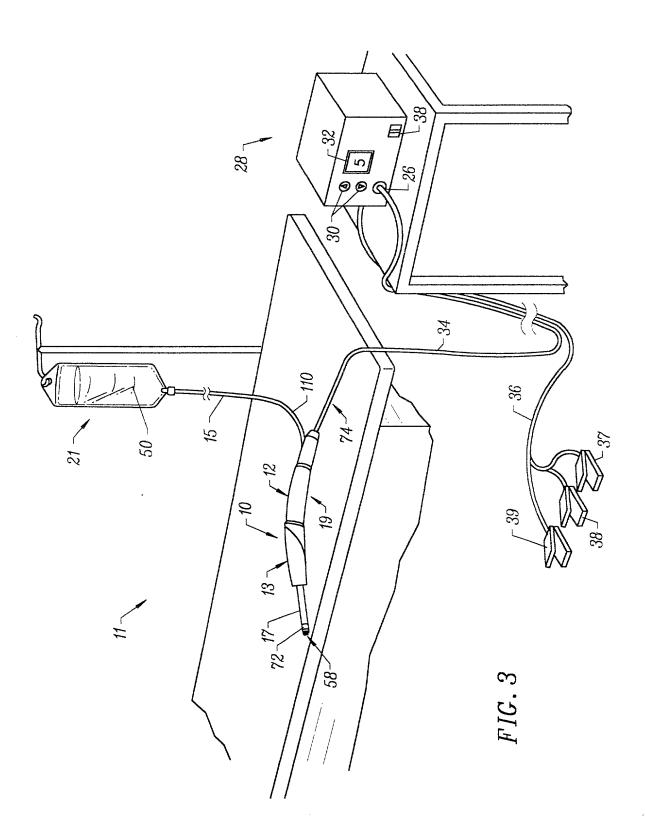
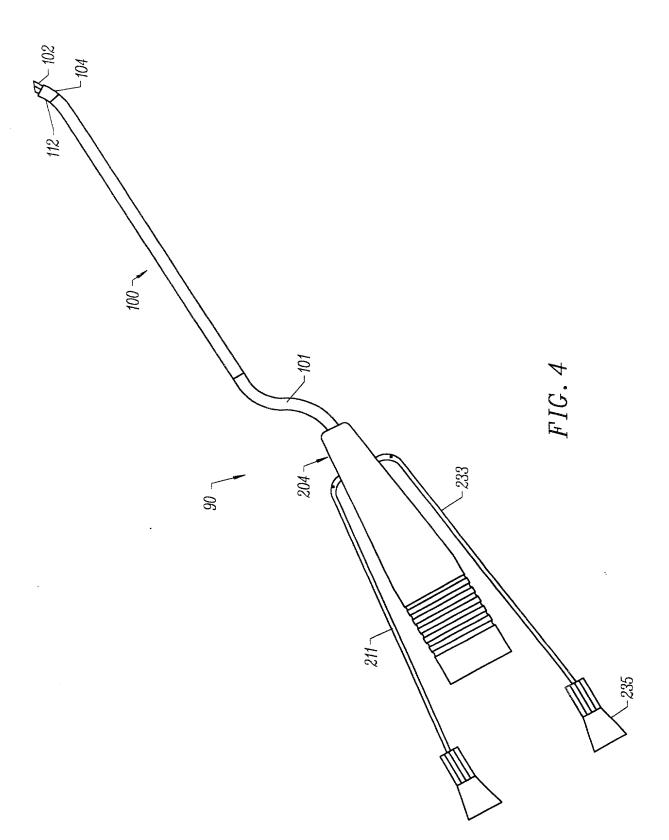


FIG. 2





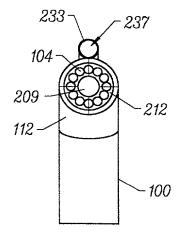


FIG. 5

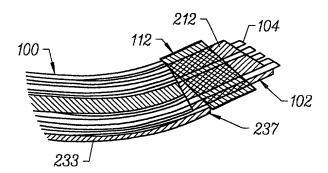
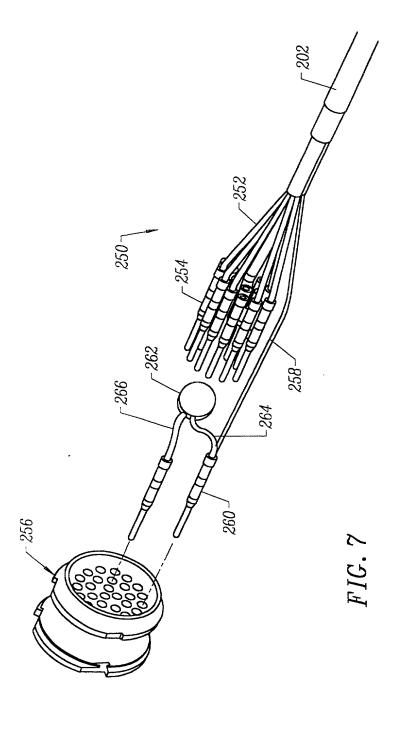
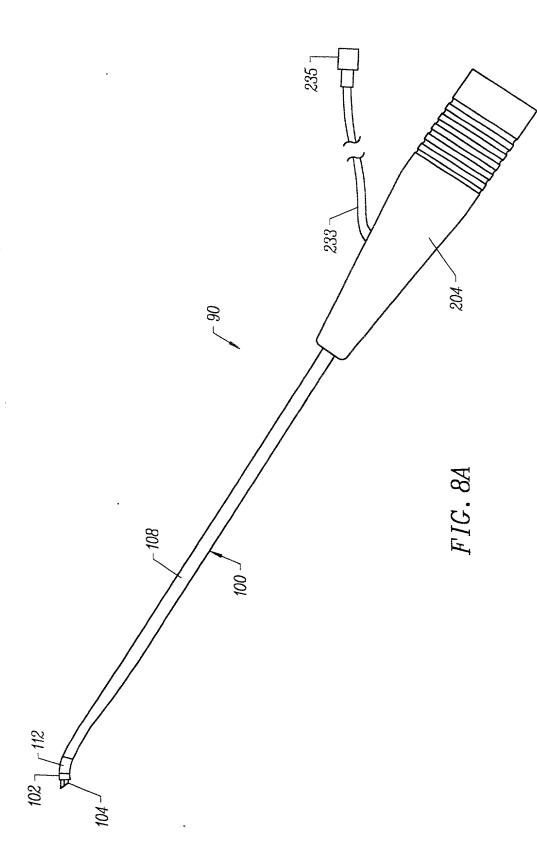


FIG. 6





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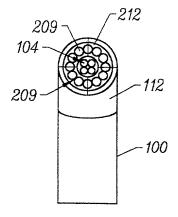
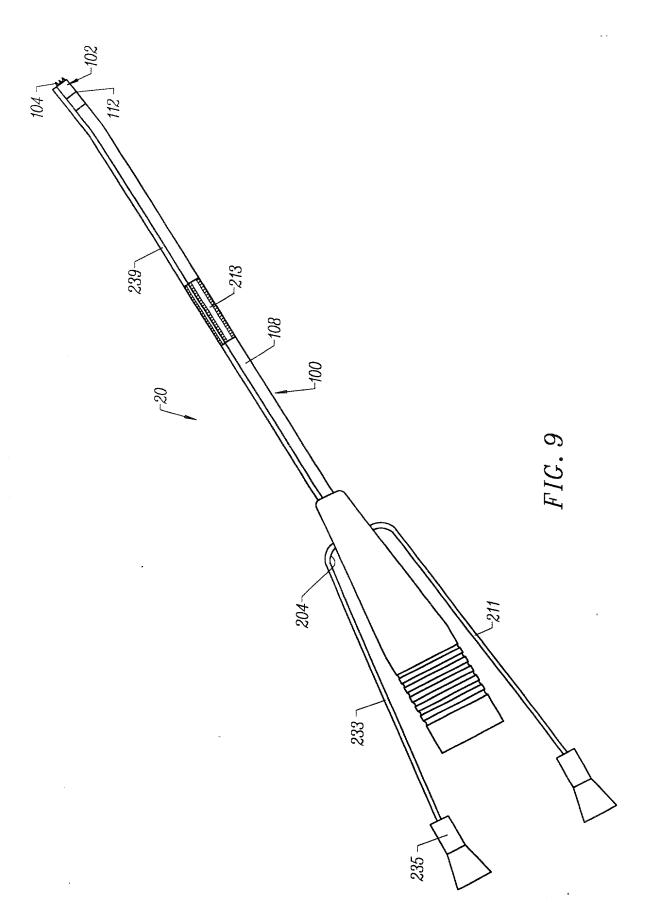


FIG. 8B



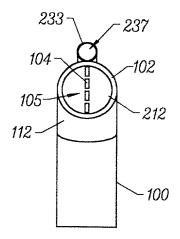


FIG. 10

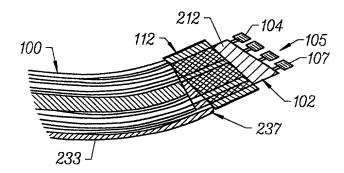


FIG. 11

astronomy species

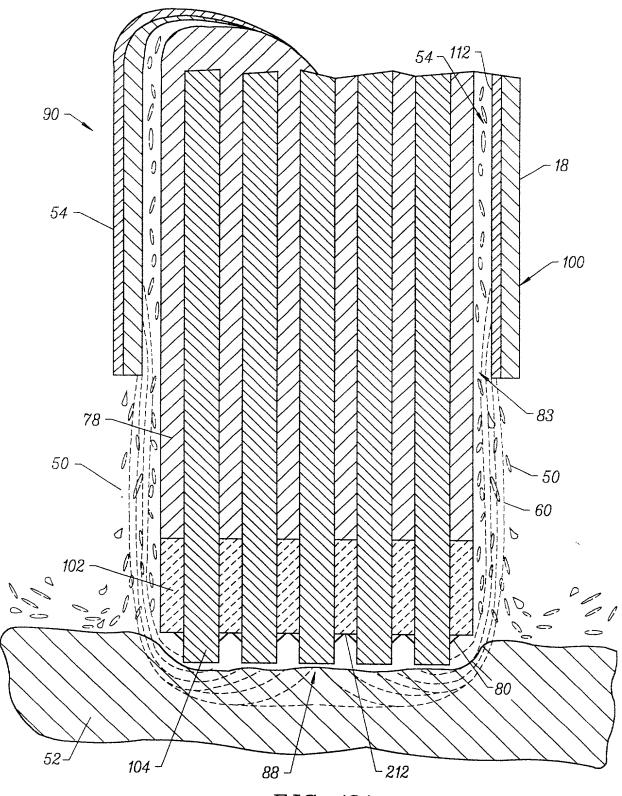


FIG. 12A

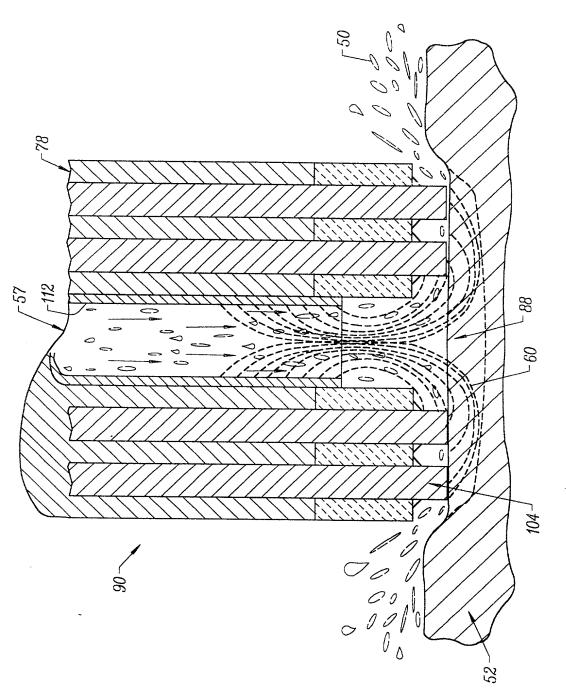


FIG. 12B

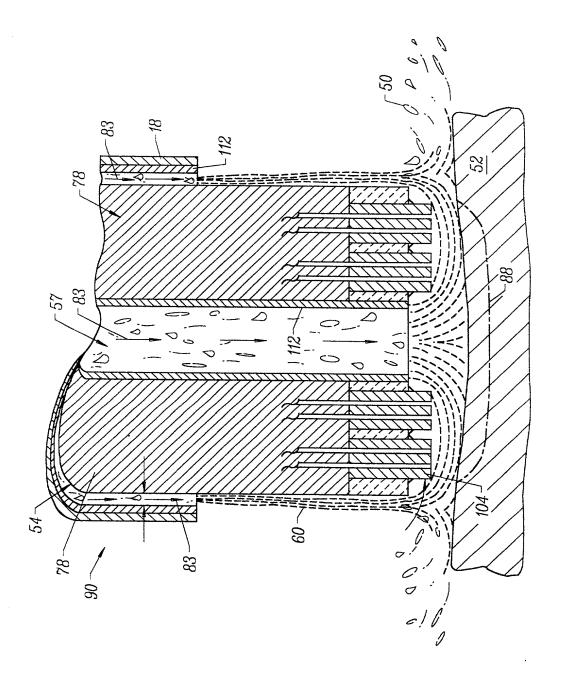


FIG. 12C

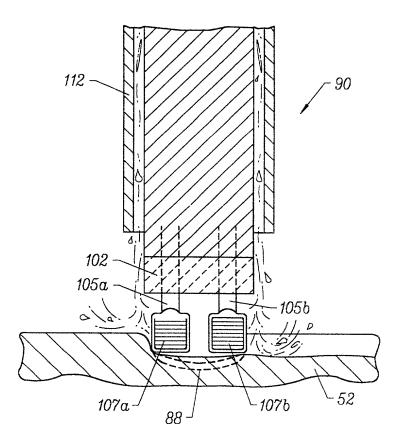


FIG. 13A

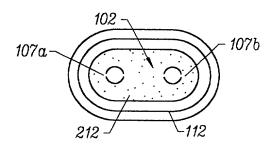


FIG. 13B

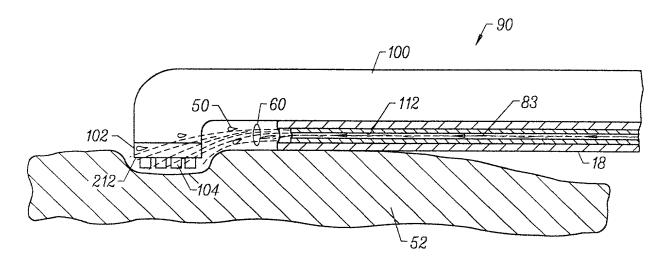


FIG. 14

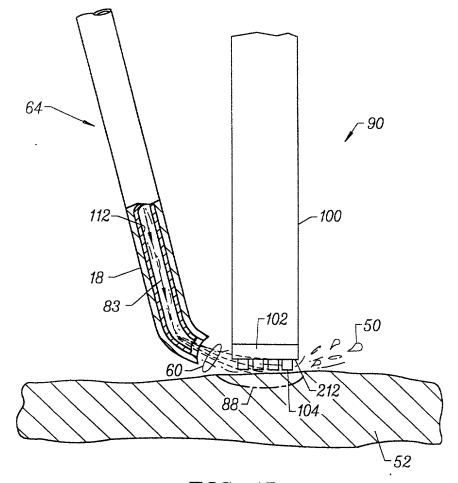


FIG. 15

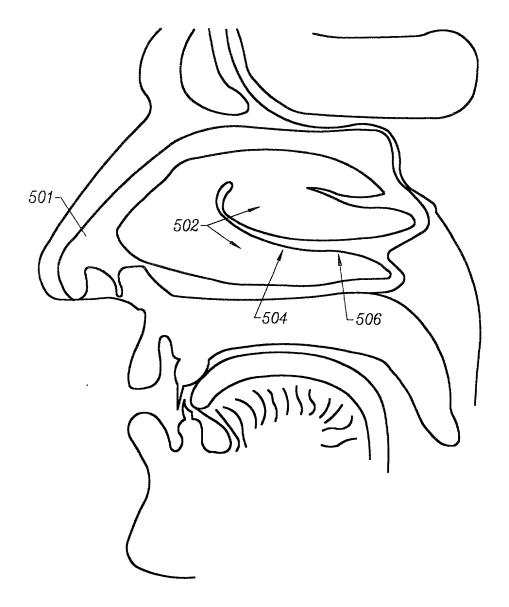


FIG. 16

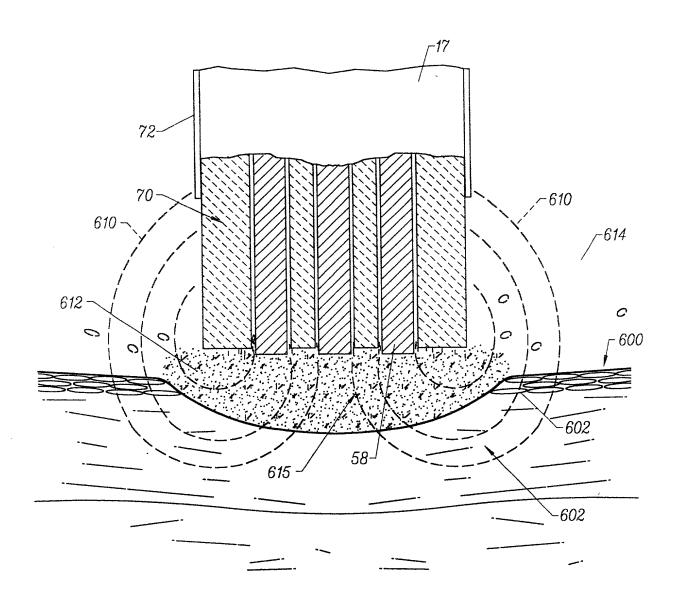


FIG. 17A

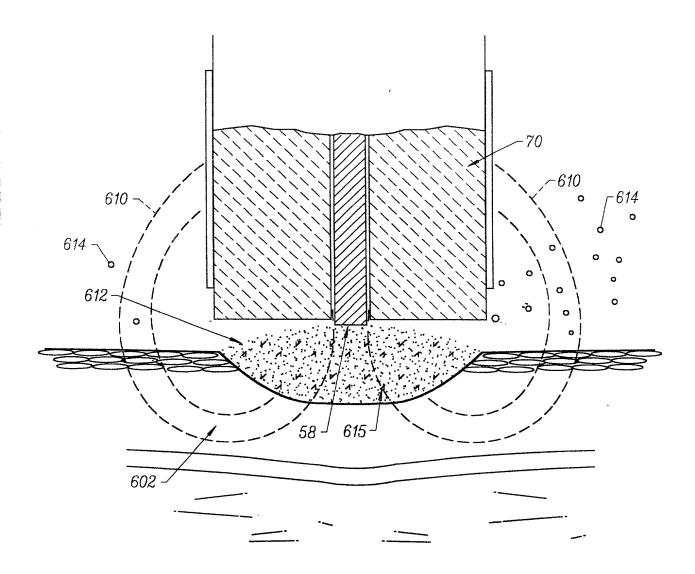


FIG. 17B